

PATENT

Atty. Dkt. No. AVAN/000308

IN THE SPECIFICATION:

Please replace paragraph [0036] in the published application with the following amended paragraph:

[0036] In FIG. 3, the general structure of a planar light wave circuit of the MZI 12 is shown cross-sectionally. The circuit comprises a silicon substrate 32 on which a cladding layer 34 is formed. The cladding layer 34 is typically composed of SiO₂ glass. Within the cladding layer 34 core portions 36 are embedded. In the present embodiment, the core portions form the waveguide arms 24 and 26. The core portions themselves are made of e.g. SiO₂ TiO₂ glass.

Please replace paragraph [0040] in the published application with the following amended paragraph:

[0040] In the present embodiment, the trimming of birefringence is achieved by supplying power to at least one of the electrodes 28, 30 [[60]] causing the region below the electrodes to be heated.